

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/013450 A1

(51) International Patent Classification⁷: **H02G 9/04, 9/06**

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(21) International Application Number:

PCT/IT2003/000476

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 30 July 2003 (30.07.2003)

(25) Filing Language: Italian

(26) Publication Language: English

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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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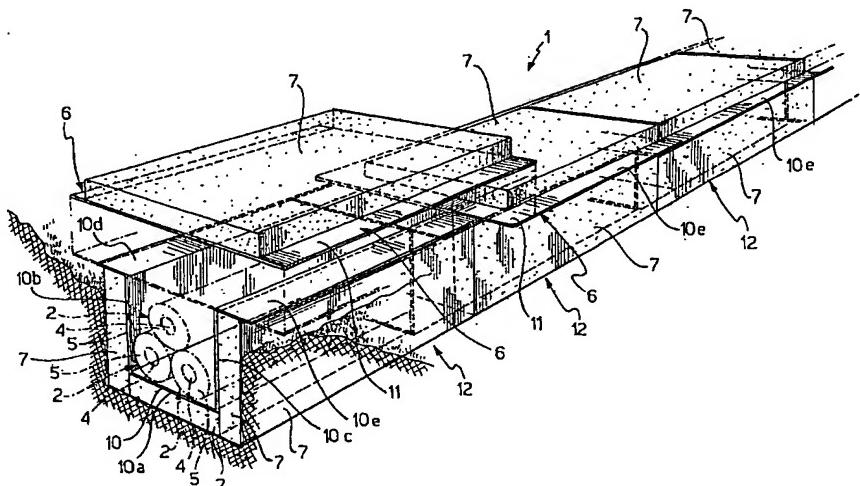
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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR SHIELDING THE MAGNETIC FIELD GENERATED BY AN ELECTRICAL POWER TRANSMISSION LINE AND ELECTRICAL POWER TRANSMISSION LINE SO SHIELDED



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(57) Abstract: A method for shielding the magnetic field generated by an electrical power transmission line (1) and an electrical power transmission line (1) so shielded are described. The electrical power transmission line (1) comprises at least one electrical cable (2) and at least one shielding element (6) made of ferromagnetic material arranged in a radially outer position with respect to the at least one cable (2), which shielding element (6) comprises a base (10) and a cover (11). The line (1) further comprises a supporting element (7) coupled to at least the base (10) of the shielding element (6). In particular, the ferromagnetic material of the shielding element (6) is selected from the group comprising: grain oriented silicon steel, preferably containing a silicon content comprised between about 1% and about 5%, non-grain oriented silicon steel, Permalloyè, Superalloyè.